



SERVICE INFORMATION LETTER

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OXYGEN - ATA CHAPTER 35

VENDOR CODE: 53655

NEW FAA RULE FOR PORTABLE CYLINDER ASSEMBLIES

1. BACKGROUND

- A. The US FAA has issued a new rule (RIN 2120-AF77) covering operators under 14 CFR Parts 25 and 121. Under this new regulation at least one mask must be connected at all times to each Portable Cylinder Assembly (PCA) positioned onboard an aircraft for potential use. AVOX Systems PCA's which could be affected by this rule are listed in Table 1. The subject PCA's have a label with a procedure for use. The new regulation requires certain operators to pre-connect the mask to the PCA placed onboard aircraft for potential use during flight. In those cases, because the mask is connected to the PCA, the regulator should not be turned on until the PCA is to be used. AVOX Systems is offering a free replacement Instruction Label, which reflects this regulation, to those operators affected by this regulation. One label is required for each PCA that the operator wants to change.
- B. In order to comply with this FAA Rule, existing PCA's with detached masks must have those masks connected if the PCA is positioned for use onboard an aircraft covered by this rule. It is recommended that PCA's used on aircraft covered by this rule that were manufactured by AVOX Systems before February 1, 2006 be labeled with the new procedure for use. The application of replacement labels as described in this SIL is voluntary, but recommended. The replacement Instruction Labels are available free of charge from AVOX Systems (see page 5).
- C. You are authorized to make copies of this SIL and give them to other persons. If you make a copy of this SIL, you must make a copy of all of the SIL except page 5 which may be copied separately.

2. EFFECTIVITY

A. Aircraft

This SIL applies to all makes and models of aircraft that have any subject AVOX Systems PCA's whether onboard or in spares storage for future use onboard an aircraft. These PCA's may be installed in many different types of aircraft.

B. Portable Cylinder Assemblies (PCA's)

This SIL applies to all PCA's listed in Table 1 that were manufactured before February 1, 2006. If your PCA has a yellow transparent label P/N 10009072, this SIL applies. The new labels are black print on silver. The text of the new label is shown in Figure 1.

Table 1
Subject PCA's

5500 Series	803675-01	806068-01
803240 Series	803668 Series	894 Series
803519-01	803963-01	9700 Series



3. MATERIALS

- A. One replacement Instruction Label P/N 10009072 12/2005 is required for each subject PCA listed in Table 1 manufactured before February 1, 2006 that the operator wants to replace the label on. Replacement labels are available FOC from AVOX Systems (See Section 5).
- B. The use of a Mask Storage Bag may help protect your mask from physical damage and contamination by dirt while the PCA is stowed with the mask attached to it. If your PCA is not equipped with a Mask Storage Bag, a Mask Storage Bag Assembly (P/N 801809-01) and a Velstrap* (P/N 36879-01) for attaching the mask storage bag to the PCA are available (See table 2). See Section 5 for ordering information.

NOTE: The Velstrap* is suitable for attaching mask storage bags to PCA's with cylinders as large as 22 ft³.

**INSTRUCTIONS FOR USE OF PORTABLE OXYGEN EQUIPMENT
FOR USE BY TRAINED PERSONNEL ONLY**

NOTE: THIS UNIT MAY HAVE ONE OR MORE OF THESE OUTLETS:
HI = MAXIMUM FLOW OUTLETS
LO = MINIMUM FLOW OUTLETS

PROCEDURE FOR USE

1. REMOVE THE MASK FROM THE POUCH IF SO STOWED.
MAKE SURE THE MASK IS CONNECTED TO THE DESIRED OUTLET.
IF THE UNIT IS EQUIPPED WITH A SLING, PUT THE STRAP
OVER THE HEAD OR SHOULDERS, OR HOLD THE UNIT ON THE LAP
WHILE USING.
2. TURN THE KNOB COUNTERCLOCKWISE TO START THE OXYGEN FLOW.
TO CONSERVE OXYGEN, DO NOT TURN ON UNTIL READY TO USE.
3. DON THE MASK. PUT THE HEAD HARNESS OVER THE HEAD AND
TIGHTEN THE HARNESS TO FIT THE MASK TO THE FACE.
4. TO VERIFY THE FLOW OF OXYGEN TO THE MASK, OBSERVE
THE FLOW INDICATOR IN THE HOSE OR CLOSE THE OPENING
FROM THE BREATHING BAG INTO THE MASK WITH THE THUMB
UNTIL THE FLOW EXPANDS THE BAG.
5. TO STOP THE FLOW OF OXYGEN, TURN THE KNOB CLOCKWISE.
REMOVE THE MASK FROM THE FACE.

ABBREVIATED INSTRUCTIONS FOR RECHARGING

1. DISCONNECT THE MASK(S) FROM THE OUTLET(S).
2. TURN THE KNOB COUNTERCLOCKWISE TO OPEN BEFORE
CONNECTING TO THE CHARGING EQUIPMENT.
3. AFTER RECHARGING, TURN THE KNOB CLOCKWISE TO CLOSE.
4. RECONNECT THE MASK(S) AS REQUIRED.

LABEL NO. 10009072
12/2005

 **AVOX Systems®** LANCASTER, NY, USA

Figure 1
Replacement Instruction Label P/N 10009072

Table 2
Material Information

Nomenclature	Part Number	Manufacturer
Instruction Label	10009072 12/2005	AVOX Systems
Mask Storage Bag	801809-01	AVOX Systems
Velstrap*	36879-01	AVOX Systems

* Velstrap® is a registered trademark of Velcro Industries B.V.



4. ACCOMPLISHMENT OF SIL

- A. On Table 1 find the PCA that is onboard your aircraft or in spares for future use onboard aircraft.
- B. Order enough replacement labels to re-label all the PCA's you want to re-label (See Section 5).
- C. For each PCA you want to re-label, only remove the existing Instruction Label if loose or damaged, (Figure 2 shows the location).
- D. Use soap and water to clean the existing label or the area on the cylinder from where the Instruction Label was removed. Make sure the area is dry and free of soap before the new label is affixed.
- E. Carefully affix a replacement Instruction Label (P/N 10009072 12/2005) shown in Figure 1 in the area shown in Figure 2 with the text in the same orientation as the previous Instruction Label. If the existing Instruction Label is clean and firmly adhered, the new label can be affixed over it. Make sure that the Instruction Label is tightly adhered to the cylinder by firmly rubbing with your clean hand or a clean cloth.
- F. Replace the PCA with connected mask in your aircraft per the Aircraft Maintenance Manual.

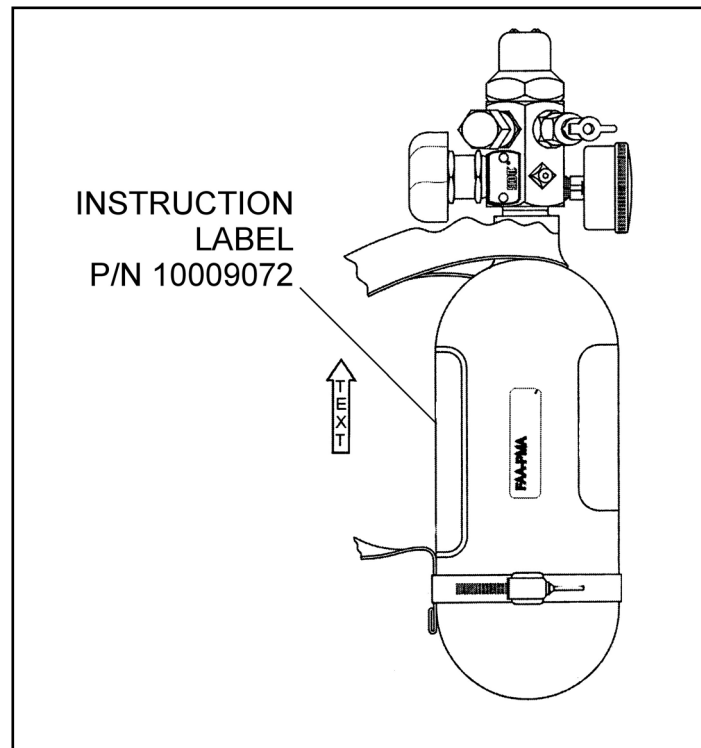


Figure 2
Placement of Label on Cylinder

5. TO CONTACT AVOX SYSTEMS:

- A. To order replacement Instruction Labels free of charge, complete the Order Form on Page 5 and e-mail, fax, or mail it to:

E-mail the completed form to AVOX Systems at avoxcs@avox.zodiac.com.

or

Fax the completed form to AVOX Systems at (716) 681-1089.

or

Mail the completed form to AVOX Systems at:

AVOX Systems
ATTN: Service Department
225 Erie Street
Lancaster, NY 14086
USA



5. TO CONTACT AVOX SYSTEMS: (Continued)

B. To buy a Mask Storage Bag or Velstrap* contact:

AVOX-EROS Services
6734 Valjean Avenue
Van Nuys, CA 91406
USA
Customer Services and Sales-Sara Huneycutt
Phone: (818) 787-3852
Fax: (818) 994-7901
E-mail: shuneycutt@ineros.zodiac.com

IN-Services Europe
7, Avenue du Parana
B.P. 303
91958 Courtaboeuf Cedex
France
Customer Services-Celine Robitaille
Phone: 33 1 64 86 69 19
E-mail: crobitaille@intertechnique.zodiac.com

IN-Services & AL RUMAITHY Est. Middle East
P.O.Box 4356
Abu Dhabi, U.A.E.
GM and Sales-Boulouafi Bouach
Phone: (971) 2 672 5257
E-Mail: bbouach@inservices-alrumaithy.com

IN-Services Asia
80 Chun Choi Street
Tseung Kwan O Industrial Estate
New Territories
Hong Kong, China
General Manager-Sebastien Weber
Customer Support Administration-Shirley Huen
Phone: (852) 2260 4050
Email: weber.inasia@haeco.com

C. To buy replacement parts or have an overhaul performed, contact any IN-Services location listed in Section B above.

D. To get technical aid, contact the AVOX Systems Technical Support Department.

- Telephone: 1-716-683-5100
- Fax: 1-716-681-1089
- E-Mail: avoxcs@avox.zodiac.com

E. To get a copy of a CMM or the revision status of a publication, contact the AVOX Systems Technical Publications Department. Give the AVOX Systems part number and the aircraft model when you send a request for a CMM copy.

- Telephone: 1-716-683-5100
- Fax: 1-716-681-1089
- E-Mail: avoxtechpub@avox.zodiac.com
- Publications Index - to view and print this index, follow the directions below:

Go to the AVOX Systems website at: www.avoxsys.com
Click on Products/Technical Information/Technical Data
Then click on the Master Index title to open:
"AVOX Systems Technical Publication Master Index (INDEX-001)"

* Velstrap® is a registered trademark of Velcro Industries B.V.

Label Order Form
(AVOX Systems P/N 10009072 12/2005)

Your Company Name:	
Complete Shipping Address:	
(No P.O. Boxes please)	
Country:	
Telephone Number:	
Fax Number:	
E-mail Address:	
Aircraft Type(s) PCA's used on:	
Complete PCA Part Number(s):	
Quantity of Labels Requested:	

E-mail the completed form to AVOX Systems at avoxcs@avox.zodiac.com.

or

Fax the completed form to AVOX Systems at (716) 681-1089.

or

Mail the completed form to AVOX Systems at:

AVOX Systems
ATTN: Service Department
225 Erie Street
Lancaster, NY 14086
USA